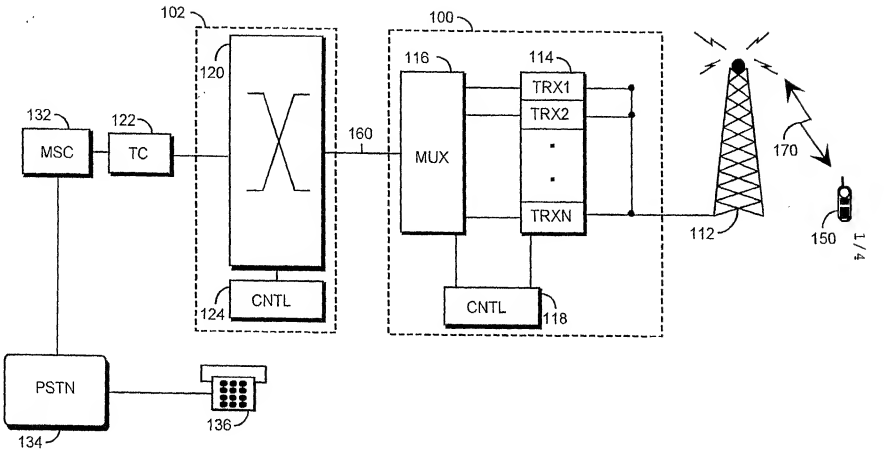

102
100
120
116
114
TRX1
TRX2
TRXN
132
MSC
122
TC
160
MUX
170
112
150
CNTL
124
CNTL
118
PSTN
134
136

Fig 1

SUBSTITUTE SHEET (RULE 26)

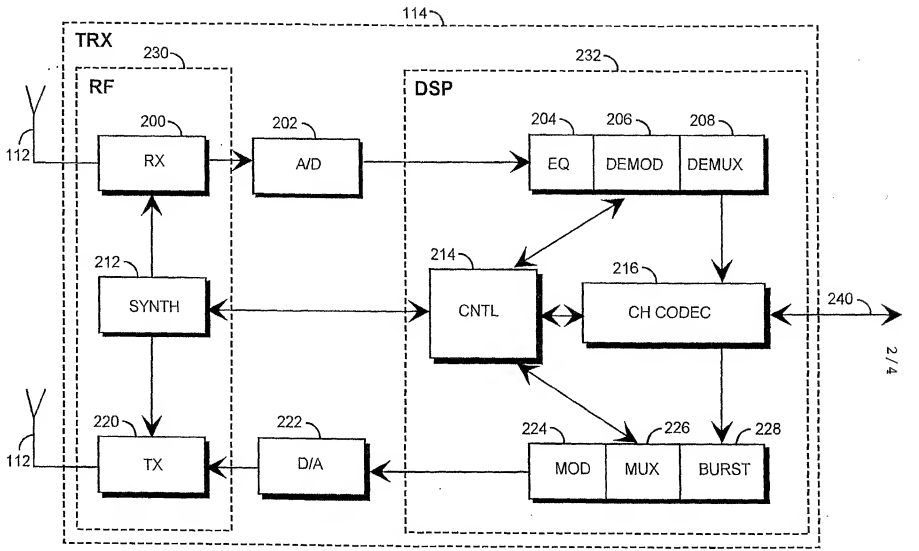
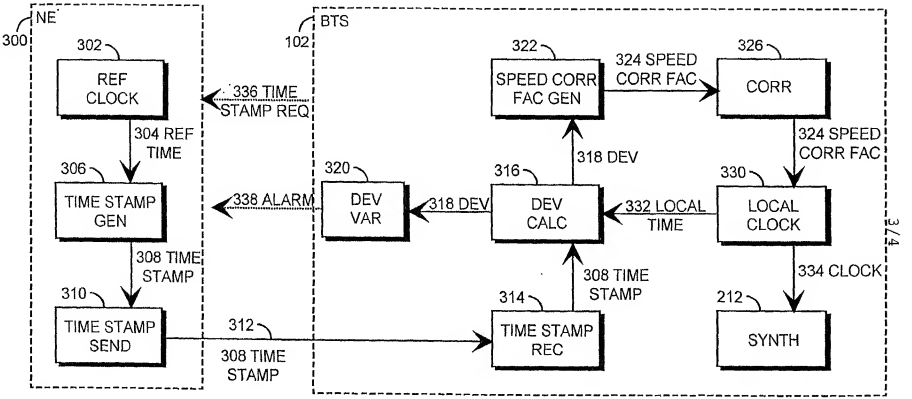


Fig 2


NE
300
302
REF CLOCK
304 REF TIME
306
TIME STAMP GEN
308 TIME STAMP
310
TIME STAMP SEND
312
308 TIME STAMP
336 TIME STAMP REQ
338 ALARM
BTS
102
320
DEV VAR
318 DEV
316
DEV CALC
322
SPEED CORR FAC GEN
324 SPEED CORR FAC
326
CORR
318 DEV
332 LOCAL TIME
330
LOCAL CLOCK
308 TIME STAMP
314
TIME STAMP REC
324 SPEED CORR FAC
334 CLOCK
212
SYNTH

3/4

Fig 3

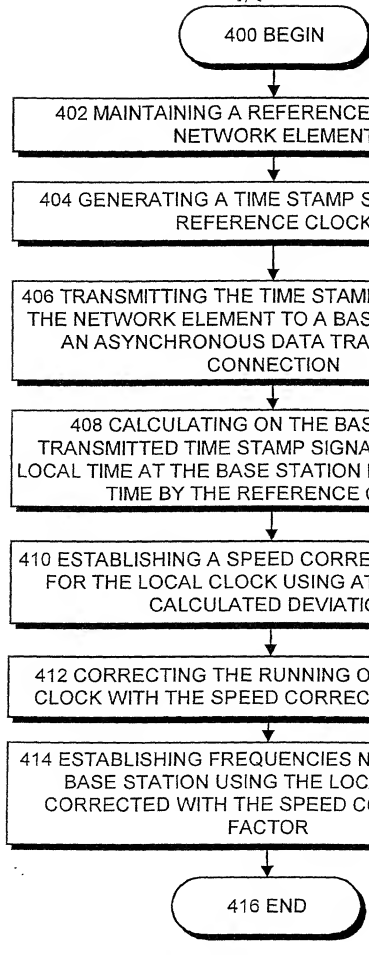

400 BEGIN
402 MAINTAINING A REFERENCE CLOCK IN A NETWORK ELEMENT
404 GENERATING A TIME STAMP SIGNAL IN THE REFERENCE CLOCK
406 TRANSMITTING THE TIME STAMP SIGNAL FROM THE NETWORK ELEMENT TO A BASE STATION VIA AN ASYNCHRONOUS DATA TRANSMISSION CONNECTION
408 CALCULATING ON THE BASIS OF THE TRANSMITTED TIME STAMP SIGNAL HOW MUCH LOCAL TIME AT THE BASE STATION DEVIATES FROM TIME BY THE REFERENCE CLOCK
410 ESTABLISHING A SPEED CORRECTION FACTOR FOR THE LOCAL CLOCK USING AT LEAST ONE CALCULATED DEVIATION
412 CORRECTING THE RUNNING OF THE LOCAL CLOCK WITH THE SPEED CORRECTION FACTOR
414 ESTABLISHING FREQUENCIES NEEDED IN THE BASE STATION USING THE LOCAL CLOCK CORRECTED WITH THE SPEED CORRECTION FACTOR
416 END

Fig 4